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Issued February 21, 1913.

U. S. DEPARTMENT OF AGRICULTURE,

OFFICE OF EXPERIMENT STATIONS—BULLETIN 253.

A. C. TRUE, Director.

ORGANIZATION LISTS OF THE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS IN THE UNITED STATES.

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U. S. DEPARTMENT OF AGRICULTURE,

OFFICE OF EXPERIMENT STATIONS—BULLETIN 253.

A. C. TRUE, Director.

ORGANIZATION LISTS OF THE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS IN THE UNITED STATES.

DECEMBER, 1912.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1913.

LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF EXPERIMENT STATIONS,
Washington, D. C., October 25, 1912.

SIR: I have the honor to transmit herewith a manuscript containing the revised organization lists of agricultural colleges and experiment stations in the United States, which has been compiled, under my direction, by Miss Mary A. Agnew and Miss Althea E. Thacker, of this office.

In compiling these lists it has been our policy to include only the names of administrative officers and instructors whose work brings them in contact with students in agricultural and home economics courses, omitting those who deal exclusively with mechanic arts or engineering students; but, as formerly, it has in some cases been found impracticable, owing to the complex organization of the institutions concerned, to make the lists entirely consistent.

I recommend the publication of this manuscript as Bulletin 253 of this office.

Respectfully,

A. C. TRUE,
Director.

Hon. JAMES WILSON,
Secretary of Agriculture.

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KEY TO ABBREVIATIONS.

Acad., Academy, Academic.
Acct., Accountant, Accounts.
Actg., Acting.
(*Actg.*), Acting Professor.
(*Adjunct*), Adjunct Professor.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
Anal., Analytical, Analysis.
Anat., Anatomy.
Archi., Architecture.
Arith., Arithmetic.
Assoc., Associate.
(*Assoc.*), Associate Professor.
Asst., Assistant.
(*Asst.*), Assistant Professor.
Astron., Astronomy.
Bact., Bacteriology, Bacteriologist.
Bibliog., Bigliography, Bibliographer.
Biol., Biology, Biologist, Biological.
Blacksm., Blacksmithing.
Bot., Botany, Botanist, Botanical.
Chair., Chairman.
Chem., Chemist, Chemistry, Chemical.
Climat., Climatology, Climatologist.
Comdt., Commandant.
Coml., Commercial.
Comp., Comparative.
Comr., Commissioner.
Coop., Cooperative, Cooperation, Cooperator.
Corresp., Correspondence, Correspondent.
Dept., Department.
Dir., Director.
Div., Division.
Dom., Domestic.
Draw., Drawing.
Econ., Economy, Economic, Economics.
Ed., Education.
Ele., Elementary.
Elect., Electrical, Electricity.
Engin., Engineer, Engineering.
Engl., English.
Ent., Entomology, Entomologist.
Expt., Experiment, Experimental, Experimentalist, Experimenter.
Ext., Extension.
Feed., Feeding.
Fert., Fertilizer.
Flor., Floriculture, Floriculturist.
For., Forestry.
Gard., Gardener, Gardening.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Gov., Governor.
Hist., History, Historical.
Hort., Horticulture, Horticulturist.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Indus., Industrial, Industry, Industries.
Inorg., Inorganic.
Insp., Inspector, Inspection.
Insts., Institutes.
Instr., Instruction, Instructor.
Invest., Investigations.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Lang., Language, Languages.
Lat., Latin.
Lect., Lecturer.
Libr., Library, Librarian.
Lit., Literature.
Mach., Machine, Machinery, Machinist.
Math., Mathematics.
Mech., Mechanics, Mechanician, Mechanical.
Met., Meteorology, Meteorologist.
Metal., Metallurgy.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Mil., Military.
Min., Mineralogy, Mineralogist, Mining.
Mod., Modern.
Myc., Mycology, Mycologist.
Nat., Natural.
Nutr., Nutrition.
Oler., Olericulture, Olericulturist.
Org., Organic.
Ornith., Ornithology.
Path., Pathology, Pathologist.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Philos., Philosophy.
Photog., Photography.
Phys., Physics, Physicist, Physical.
Physiol., Physiology, Physiologist, Physiological.
Polit., Political.
Pomol., Pomology, Pomologist.
Pract., Practice, Practical, Practicums.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Print., Printing.
Prod., Production.
Psych., Psychology.
Rhet., Rhetoric.
Sci., Science, Scientific.
Sec., Secretary.
Sew., Sewing.
Sociol., Sociology.
Sta., Station.
Sten., Stenography, Stenographer.
Substa., Substation.
Supt., Superintendent.
Tech., Technology, Technical.
Treas., Treasurer.
Typew., Typewriting, Typewriter.
Univ., University.
V. Dir., Vice Director.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist.
V. Pres., Vice President.
Wheelwr., Wheelwrighting.
Zool., Zoology, Zoologist.

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Agricultural Experiment Station of the Alabama Polytechnic Institute, *Auburn.*

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Agricultural and Mechanical College for Negroes, *Normal.*

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[1] In cooperation with the U. S. Department of Agriculture.

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The institute is divided into six departments: Academic, normal, Bible training school, mechanical industries, domestic economy or industries for girls, hospital and nurse-training school, and agricultural industries.

The school of agriculture offers a four-year course in general agriculture including optional two-year courses in live stock and dairying, dairy husbandry, farming, veterinary science, canning, market gardening, truck gardening and fruit growing; and a two weeks' school for farmers. Elementary agriculture is included in the academic course. Postgraduate courses in agriculture are offered.

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Tuskegee Agricultural Experiment Station, *Tuskegee Institute.*

Department of the Tuskegee Normal and Industrial Institute, under the control of the board of trustees of the institute.

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Alaska Agricultural Experiment Stations, *Sitka, Kodiak, Rampart,* and *Fairbanks.*

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University of Arizona, *Tucson.*

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The university offers eight regular four-year courses of study leading to a degree, viz: Literary (A. B.); scientific, metallurgy, mining engineering, civil engineering, electrical engineering, mechanical engineering, and agriculture (B. S.); also a two-year agricultural and a four-year preparatory course (the first year of this course to be discontinued after June, 1912, and the second year after June, 1913).

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[1] On leave.

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Agricultural Experiment Station of the University of Arizona, *Tucson.*

Department of the University of Arizona, under the control of the board of regents.

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The college of agriculture offers a four-year course leading to the degree of B. S. A., a two-year course leading to a certificate, a course in agriculture designed especially for students preparing to teach in schools of the State, a two-year normal course including agriculture, a three weeks' winter course for farmers, and a number of correspondence courses in agriculture. Graduate work leading to the master's degree is also given.

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J. L. Hewitt, B. S. A., *Plant Path.*

[1] On leave. [2] In the service of the U. S. Department of Agriculture.

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C. V. Ruzek, B. S., *Asst. Agron.*
W. C. Lassetter, B. S., *Asst. Agron.*
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[1] Includes only instructors in subjects *directly relating to agriculture.* Other members of the university may give instruction to students pursuing the agricultural course.
[2] On leave.
[3] To assume duties April 1, 1913.

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Agricultural Experiment Station of the University of California, *Berkeley.*

Department of the University of California under the control of the regents of the university.

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L. M. Davis, B. S., (*Davis*), *Asst. in Dairy Indus.*

[1] On leave. [2] To assume duties April 1, 1913.

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[1] In the service of the U. S. Department of Agriculture.

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Agricultural Experiment Station, *Fort Collins.*

Department of the State Agricultural College of Colorado, under the control of the State board of agriculture.

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[1] On leave. [2] In cooperation with the U. S. Department of Agriculture.

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Storrs Agricultural Experiment Station, *Storrs.*[1]

Department of the Connecticut Agricultural College, under the control of the board of trustees.

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[1] Telegraph address, *Storrs* via *Willimantic;* railroad station, express, and freight address, *Eagleville.*

[2] On leave.

[3] In the service of the U. S. Department of Agriculture.

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W. C. Pelton, B. S., *Asst. Hort.*
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The college of agriculture offers a four-year course leading to the degree of B. S. in Agr., a two-year course, a one-year special course, two four months' short courses for farmers, a four weeks' farmers' course, correspondence courses in agriculture for home study, and a six weeks' summer school for teachers. A year's postgraduate work in agriculture is also offered.

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Agricultural Experiment Station of Florida, *Gainesville.*

Department of the University of Florida, under the control of the board of control.

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Florida Agricultural and Mechanical College for Negroes, *Tallahassee.*

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The courses of study are: Four-year scientific (B. S.), English-normal (two years), high school and grammar school (three years each), with industrial and agricultural training through all courses. A correspondence course in agriculture and laboratory courses in general agriculture are also offered.
courses in general agriculture are also offered. A farmers' midwinter institute is held.

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[1] In cooperation with the U. S. Department of Agriculture.
[2] Telegraph, freight, and express address, *Griffin.*

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[1] Address: *Island of Guam,* via *San Francisco.*

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[1] On leave.

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[1] Detailed by the U. S. Department of Agriculture.

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[1] In cooperation with the U. S. Department of Agriculture.

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[1] In cooperation with the U. S. Department of Agriculture.
[2] On leave.
[3] To assume duties February 1.

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[1] On leave.
[2] Telegraph address, *Starkville.* Express and post-office address, *Agricultural College.* Freight address, *A. and M. College Station.*

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The college of agriculture offers two four-year courses, one for men and one for women (this chiefly along home economics lines), each leading to the degree of B. S. in agriculture; a five-year course in forestry, leading to the degree of M. F. (upon completion of the first four years the degree of B. S. in forestry is conferred). There is also a winter course in general agriculture extending through two years of fourteen weeks

each, a short winter course (seven weeks) in agriculture and home economics for women, a short course in dairying (seven weeks), a seven weeks' special poultry course, a summer school for teachers, and a farmers' short course in agriculture.

BOARD OF INSTRUCTION.

Albert Ross Hill, A. B., Ph. D., LL. D., *President of the University; Educational Psychology.*

Frederick B. Mumford, M. S., *Dean; Animal Husb.*
Henry M. Belden, Ph. D., *Engl.*
Edwin B. Branson, Ph. D., *Geol., Min.*
Chester L. Brewer, *Phys. Ed.*
William G. Brown, Ph. D., *Tech. Chem.*
Sidney Calvert, A. M., *Org. Chem.*
John W. Connaway, D. V. S., M. D., *Vet. and Comp. Med.*
Winterton C. Curtis, Ph. D., *Zool.*
Clarence H. Eckles, M. S., *Dairy Husb.*
Ellery Farmer, Lieut., U. S. A., *Mil. Sci.; Comdt. of Cadets.*
Walter L. Howard, Ph. D., *Hort.*
George Lefevre, Ph. D., *Zool.*
Curtis F. Marbut,[1] B. S., M. A., *Geol. Min.; in charge of Soil Survey.*
Merritt F. Miller, M. S. A., *Agron.*
George M. Reed, Ph. D., *Bot.*
Herman Schlundt, Ph. D., *Phys. Chem.*
Edwin A. Trowbridge, B. S. A., *Animal Husb.*
Perry F. Trowbridge, Ph. D., *Agr. Chem.*
John C. Whitten, Ph. D., *Hort.*
Harry O. Allison, B. S., (*Assoc.*) *Animal Husb.*
Duane H. Doane, M. S., (*Assoc.*) *Farm Mgt.*
Elias J. Durand, D. Sc., (*Assoc.*) *Bot.*
Lee S. Backus, D. V. M., (*Asst.*) *Vet. Sci.*
William H. Chandler, M. S., (*Asst.*) *Hort.*
Amy L. Daniells, B. S. in Ed., (*Asst.*) *Home Econ.*
Leonard Haseman, Ph. D., (*Asst.*) *Ent.*
Claude B. Hutchison,[1] B. S., (*Asst.*) *Agron.*
Harry L. Kempster, B. S., (*Asst.*) *Poultry Husb.*
Horace F. Major, B. S., LL. B., (*Asst.*) *Landscape Gard.*
Arthur J. Meyer, *Supt. of Short Courses; Asst. to Dean.*
Raymond D. Miller, Ph. D., (*Asst.*) *Engl.*
Charles R. Moulton, Ph. D., (*Asst.*) *Agr. Chem.*
George Reeder,[2] *Section Dir., U. S. Weather Bureau; Lect. on Met. and Climat.*
Robert W. Selvidge, A. M., (*Asst.*) *Manual Arts.*
Louise Stanley, Ph. D., (*Asst.*) *Home Econ.*
Richard H. Emberson, B. S., *Instr. Rural Ed.*
Percy L. Galney, B. Agr., M. S., M. A., *Instr. Bot.*
Thomas R. Douglass, B. S., *Instr. Agron.*
James A. Gibson, M. A., *Instr. Chem.*
Howard Hackedorn, B. S., *Instr. Animal Husb.*
Jay C. Hackleman, M. S., *Instr. Agron.*
Oliver R. Johnson, A. M., *Instr. Farm Mgt.*
Ernest C. Pegg, A. B., M. F., *Instr. For.*
Lorin G. Rinkle, M. S., *Instr. Dairy Husb.*
Luther A. Weaver, B. S., *Instr. Animal Husb.*
James P. Bennett, A. B., *Asst. in Bot.*
Philip M. Brandt, B. S., *Asst. in Dairy Husb.*
L. B. Burke, B. S., *Asst. in Animal Husb.*
Nelle Carter, B. S., *Asst. in Home Econ.*
L. V. Davis, B. S., *Asst. in Soil Survey.*
A. Ray Evans, B. S., *Asst. in Agron.*
Leonard D. Haigh, Ph. D., *Asst. in Agr. Chem.*
E. C. Hall, B. S., *Asst. in Soil Survey.*
R. R. Hudelson, B. S., *Asst. in Agron.*
Mary L. Keene, B. S. in Ed., A. M., *Asst. in Bot.*
M. A. R. Kelly, B. S. in M. E., *Asst. in Agron.*
Henry H. Krusekopf, B. S., *Asst. in Soil Survey.*
Carlos A. LeClair, B. S., *Asst. in Agron.*
H. G. Lewis, *Asst. in Soil Survey.*
Loring E. Morgan, A. M., *Asst. in Agr. Chem.*
Leroy S. Palmer,[2] Ch. E., A. M., *Asst. in Dairy Husb.*
Thomas C. Reed, B. S., *Asst. in Dairy Husb.*
William M. Regan, B. S., *Asst. in Dairy Husb.*
Silas T. Simpson, B. S. A., *Asst. in Animal Husb.*
O. C. Smith, A. B., *Asst. in Agr. Chem.*
Fred C. Streeter, B. S., *Asst. in Vet Sci.*
Boleslaus Szymoniak, B. S., *Asst. in Hort.*
Talmadge T. Tucker, B. S., *Asst. in Vet. Sci.*
Edwin G. Woodward, B. S., *Asst. in Dairy Husb.*
Winona Woodward, M. A., *Asst. in Home Econ.*
Elmer E. Vanatta, M. S., *Asst. in Agr. Chem.*
S. Blanche Hedrick, *Libr.*
J. G. Babb, LL. B., M. A., *Sec.*
R. B. Price, M. S., *Treas.*
Arthur Rhys, *Herdsman.*
Chester M. Pollock, *Dairy Herdsman.*

[1] On leave. [2] In the service of the U. S. Department of Agriculture.

Missouri Agricultural College Experiment Station, *Columbia.*

Department of the College of Agriculture of the University of Missouri, under the control of the board of curators.

STATION STAFF.

F. B. Mumford, M. S., *Dir.; Animal Husb.*
J. W. Connaway, D. V. S., M. D., *Vet.*
C. H. Eckles, M. S., *Dairy Husb.*
W. L Howard, Ph. D., *Hort.*
C. F. Marbut,[1] B. S., M. A., *Soil Survey.*
M. F. Miller, M. S. A., *Agron.*
G. M. Reed, Ph. D., *Bot.*
E. A. Trowbridge, B. S. A., *Animal Husb.*
P. F. Trowbridge, Ph. D., *Agr. Chem.*
J. C. Whitten, Ph. D., *Hort.*
H. O. Allison, B. S., *Animal Husb.*
D. H. Doane, M. S., *Farm Mgt.*
L. S. Backus, D. V. M., *Asst. Vet.*
W. H. Chandler, M. S., *Asst. Hort.*
Leonard Haseman, Ph. D., *Asst. Ent.*
C. B. Hutchison,[1] B. S., *Asst. Agron.*
H. L. Kempster, B. S., *Asst. Poultry Husb.*
H. F. Major, B. S., LL. B., *Asst. Landscape Gard.*
A. J. Meyer, *Asst. to Dir.*
C. R. Moulton, Ph. D., *Asst. Agr. Chem.*
L. G. Rinkle, M. S., *Asst. Dairy Husb.*
T. R. Douglass, B. S., *Asst. Agron.*
P. L. Gainey, B. Agr., M. S., M. A., *Asst. Bot.*
Howard Hackedorn, B. S., *Asst. Animal Husb.*
J. C. Hackleman, M. S., *Asst. Agron.*
O. R. Johnson, A. M., *Asst. in Farm Mgt.*
L. E. Morgan, A. M., *Asst. Agr. Chem.*
L. S. Palmer,[2] Ch. E., A. M., *Asst. Dairy Husb.*
E. C. Pegg, A. B., M. F., *Asst. For.*
F. C. Streeter, B. S., *Asst. Vet.*
L. A. Weaver, B. S., *Asst. Animal Husb.*
P. M. Brandt, B. S., *Asst. Dairy Husb.*
L. B. Burke, B. S., *Asst. Animal Husb.*
A. R. Evans, B. S., *Asst. Agron.*
L. D. Haigh, Ph. D., *Asst. Agr. Chem.*
R. R. Hudelson, B. S., *Asst. Agron.*
M. A. R. Kelly, B. S. in M. E., *Asst. Agron.*
H. H. Krusekopf, B. S., *Asst. in Soil Survey.*
C. A. LeClair, B. S., *Asst. Agron.*
T. C. Reed, B. S., *Asst. Dairy Husb.*
W. M. Regan, B. S., *Asst. Dairy Husb.*
S. T. Simpson, B. S. A., *Asst. Animal Husb.*
O. C. Smith, A. B., *Asst. Agr. Chem.*
Boleslaus Szymoniak, B. S., *Asst. Hort.*
T. T. Tucker, B. S., *Asst. Vet.*
E. E. Vanatta, M. S., *Asst. Agr. Chem.*
E. G. Woodward, B. S., *Asst. Dairy Husb.*
George Reeder,[2] *Dir. Weather Bureau.*
J G. Babb, LL. B., M. A., *Sec.*
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S. Blanche Hedrick, *Libr.*
Arthur Rhys, *Herdsman, Animal Husb. Dept.*
C. M. Pollock, *Herdsman, Dairy Husb.*

Missouri State Fruit Experiment Station, *Mountain Grove.*

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F. W. Faurot, B. S., *Hort.*
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Lincoln Institute, *Jefferson City.*

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COURSES OF STUDY.

This institution has the following departments: College (four-year course leading to degree of B. A.); normal and normal preparatory (four-year courses); industrial (three years); agricultural and domestic science and art (two years). There is also a summer school of nine weeks.

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Benjamin Franklin Allen, Ph. D., LL. D., *President; Ethics, Psychology.*

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Grace L. Hammond, A. B., *Lat., German.*
A. T. Walker, B. S., *Pedag.*
V. H. Collins, B. S. D., *Asst. in Math.*

[1] On leave. [2] In the service of the U. S. Department of Agriculture.

Wm. H. Harrison, *Asst. in Engl.*
R. N. Dett, *Vocal Music.*
Martin Beck, *Farm Supt.*
Annie M. Mollison, *Instr. Dom. Art.*
Mrs. Ruth E. Caldwell, B. S. D., *Instr. Dom. Sci.*
Mrs. Mary A. Lewis, B. Ped., *Matron for Boys.*
Lillian Johnson, *Matron for Girls.*
Albert J. Shootes, *Tailoring.*
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J. W. Damel, Ph. B., *Asst. in Phys. Sci.*
Nora L. Hingston, B. Ped., *Asst. in Dom. Art.*
Mrs. C. N. Rutledge, *in charge of Laundry.*
J. W. Thorpe, *Wood Turning, Mech. Draw.*
W. J. Long, *Instr. Mach.*
J. S. Himes, *Instr. Blacksm.*
E. P. Rowell, *Instr. Carpentry.*
Letitia Williams, B. S., *Instr. Draw.*
O. W. Ferguson, B. S. Agr., *Instr. Agr.*
Gertrude Williams, *Libr.; Sec.*

MONTANA.

Montana State College of Agriculture and Mechanic Arts, *Bozeman.*

GOVERNING BOARD.

Executive board: James M. Hamilton * (*Pres.*), *Bozeman;* J. F. Blair,* *Seventh Avenue, Bozeman;* J. H. Baker,* *Commercial National Bank, Bozeman;* George Cox (*Treas.*), *Bozeman;* Geo. R. Callaway (*Sec.*), *Bozeman.*

COURSES OF STUDY.

The following courses of study are given: Four-year courses in civil, electrical, and mechanical engineering, home science, chemistry, biology, history-literature, mathematics-physics, secretarial, agronomy, animal industry and dairying, and horticulture, each leading to the degree of B. S.; four-year course in art and music; four-year preparatory (mechanic arts, scientific, and home economics courses), and a three-year agricultural course; two and three year courses in pharmacy (Ph. C.); a one-year course in home economics, and farmers' and housekeepers' short winter courses (two weeks) in animal industry, soil and field crops, horticulture, dairying, poultry, and home economics.

BOARD OF INSTRUCTION.

James M. Hamilton, M. S., *President; Philosophy, Economics.*

Wm. F. Brewer, A. M., *Engl.*
Lilla A. Harkins, M. S., *Dom. Sci.*
Robt. A. Cooley, B. S., *Zool., Ent.*
Wm. D. Tallman, B. S., *Math.*
Frederick B. Linfield, B. S. A., *Agr.*
Wm. M. Cobleigh, A. M., *Chem.; State Chem.*
Alfred Atkinson, M. S., *Agron.*
Robert W. Clark, B. Agr., *Animal Indus.*
Charles S. Dearborn, B. S., *Mech. Arts.*
Deane B. Swingle, M. S., *Bot., Bact.*
Robert D. Kneale, C. E., *Civil Engin.*
Orville B. Whipple, B. S., *Hort.*
Walter J. Taylor, D. V. M., *Vet. Sci.*
Frank W. Ham, M. S., *Phys.*
Helen R. Brewer, A. B., (*Asst.*) *Hist., Lat.*
M. H. Spaulding, A. M., (*Asst.*) *Zool.*
Mary A. Cantwell, (*Asst.*) *Engl.; Prin. Prep. School.*
Frank C. Snow, C. E., (*Asst.*) *Civil Engin.*
Ralph R. Wells, B. S., (*Asst.*) *Agron.*
Roy C. Jones, B. S., (*Asst.*) *Dairying.*
Florence Ballinger, (*Asst.*) *Dom. Art.*
Lana A. Baldwin, (*Asst.*) *Art.*
F. C. Miller, B. S., (*Asst.*) *Mech. Arts.*
Mrs. Una B. Herrick, *Dean of Women; Instr. Phys. Ed. for Women.*
Frieda Bull, M. S., *Instr. Math.*
Rufus A. Barnes, M. S., *Instr. Inorg. Chem.*
Abigail M. Hess, B. S., *Instr. Dom. Sci.*
Ralph T. Challender, B. S., *Instr. Mech. Engin.*
Lyman G. Schermerhorn, B. S., *Instr. Hort.*
Herbert B. Bonebright, B. S. A., *Instr. Agr. Engin.*
Carrie M. Cehrs, A. M., *Instr. German.*
Florence A. Wallin, A. B., *Instr. French and Spanish.*
I. T. Gilruth, A. B., *Instr. Engl.*
Harry M. Jennison, B. S., M. A., *Instr. Bot., Bact.*
Genevieve Lane, *Instr. Art.*
Theda M. Jones, *Instr. Sten. and Typew.*
Fred Kately, *Asst. in Mech. Engin.*
Fred S. Cooley, *Dir. of Ext. Work.*
Mrs. Mary K. Winter, *Libr.*
R. O. Wilson, B. S., *Registrar.*

Montana Agricultural Experiment Station, *Bozeman.*

Department of the Montana State College of Agriculture and Mechanic Arts, under the control of the executive board.

STATION STAFF.

F. B. Linfield, B. S. A., *Dir.*
R. A. Cooley, B. S., *Ent.*
Alfred Atkinson, M. S., *Agron.*
R. W. Clark, B. Agr., *Animal Husb.*
Edmund Burke, B. S., *Chem.*
D B. Swingle, M. S., *Bot., Bact.*
O. B. Whipple, B. S., *Hort.*
W. J. Taylor, D. V. M., *Vet.*
J. B. Nelson, *Supt. Dry Farm Work.*
Reuben M. Pinckney, B. S., A. M., *Asst. Chem.*
L. F. Gieseker, B S., *Asst. Agron.*
Wm. F. Schoppe,[1] B. S., *Asst. Poultryman.*
H. E. Morris, B. S., *Asst. Bot., Bact.*
J. R. Parker, B. S., *Asst. Ent.*
Lyman G. Schermerhorn, B. S., *Asst. Hort.*
R. F. Miller, M. S. A., *Asst. Animal Husb.*
H. B. Bonebright, B. S. A., *Asst. Agr. Engin.*
M. L. Wilson, B. S. A., *Asst. in Dry Farm Invest.*
G. E. Smith, *Asst. Chem.*
H. H. Morris, B. S., *Asst. Chem.*

NEBRASKA.

The College of Agriculture of the University of Nebraska, *Lincoln.*

GOVERNING BOARD.

Regents of the university: Chas. S. Allen (*Pres.*), *Lincoln;* Wm. G. Whitmore,* *Valley;* Victor G. Lyford, *Falls City;* Chas. B. Anderson,* *Lincoln;* Jas. S. Dales (*Sec.*), *Lincoln;* George Coupland,* *Elgin;* Frank L. Haller, *Omaha.*

COURSES OF STUDY.

The college courses consist of three general groups—the agricultural, the forestry, and the home economics (B. S.). A four years' vocational course in agriculture and home economics is offered in a secondary school, which is in session for six months each year. A seven weeks' winter course in agriculture is also offered in this school. The teachers' college offers a one-year course in agriculture and in home economics and manual training, and a summer school for teachers (eight weeks). Three correspondence courses in agriculture (one in soils, one in cereal and forage crops, and one in elementary agriculture) are given to meet the needs of high school teachers.

BOARD OF INSTRUCTION.[2]

Samuel Avery, Ph. D., LL. D., *Chancellor of the University.*

Edgar A. Burnett,[3] B. S., *Dean College of Agr.*
Charles E. Bessey, Ph. D., LL. D., *Head Dean in Univ.; Head Bot.*
Lawrence Bruner, B. S., *Head Ent.; State Ent.*
James H. Gain, M. D. C., *Animal Path.*
Harry E. Bradford, A. B., *Prin. School of Agr.; Head Secondary Agr. Ed.*
R. K. Bliss, B. S. A., *Head Animal Husb.*
J. H. Frandsen, M. S. A., *Head Dairy Husb*
Fredk J. Alway, Ph. D., *Head Agr. Chem.*
Rollins A. Emerson, B. S., *Hort.*
Alice M. Loomis, M. A., *Home Econ.*
Edwin M. Wilcox, Ph. D., *Head Agr. Bot.*
Leon W. Chase, B. S., in M. E., *Head Agr. Engin.*
Everett N. Bowman, Lieut., U. S. A., *Mil. Sci.; Comdt. of Cadets.*
Charles W. Pugsley, B. S., *Head Farm Mgt.; Supt. of Agr. Ext.*
Geo. E. Condra, Ph. D., *Head Geog.; Econ. Geol.*
W. J. Morrill, B. S., M. F., *For.*
Myron H. Swenk, A. M., (*Assoc.*) *Ent.; Asst. State Ent.*
Geo. A. Loveland, A. M., LL. B., (*Assoc.*) *Met.; Observer.*
Percy B. Barker, A. M., (*Assoc.*) *Agron.*
Theodore A. Kiesselbach, B. S., A. M., (*Assoc.*) *Agron.; Actg. Head Dept. of Expt. Agron.*
Lazelle B. Sturdevant, A. M., M. D., (*Asst.*) *Animal Path.*
Ellis Rail, B. S. A., (*Asst.*) *Animal Husb.*
Charles B. Lee, B. S., (*Asst.*) *Animal Husb.*
H. H. Filley, M. A., (*Asst.*) *Farm Mgt.*
John R. Cooper, B. S., (*Asst.*) *Hort.*
Erwin Hopt, B. S., (*Asst.*) *Agron.*
Nels A. Bengtson, A. M., (*Asst.*) *Geog., Econ. Geol.*

[1] On leave.

[2] Includes only instructors in subjects directly relating to agriculture. Many other members of the university faculty give instruction to students pursuing the course leading to the degree of B. S.

[3] In full charge of all substations.

Julia E. Loughridge, A. B., (*Adjunct*) *Math.; Asst. Prin. School of Agr.*
G. C. White, B. S. A., A. M., (*Adjunct*) *Dairy Husb.*
R. S. Trumbull, A. M., (*Adjunct*) *Agr. Chem.*
Alva A. Baer, B. A., (*Adjunct*) *Agr. Engin.*
Laurence F. Seaton, B. S. in M. E., (*Adjunct*) *Agr. Engin.*
Flora Bullock, A. M., (*Adjunct*) *Engl.*
Geo. K. K. Link, S. B., (*Adjunct*) *Agr. Bot.*
W. J. Duppert, A. B., M. S. F., (*Adjunct*) *For.*
Helen L. Davis, B. A., B. S., (*Adjunct*) *Home Econ.*
Anna Olsen, B. S., (*Adjunct*) *Home Econ.*
Horace J. Young, B. S., *Instr. Agron.*
C. W. Smith, *Instr. Agr. Phys.*
Roy W. Eaton, *Instr. Normal Training.*
Mary V. Zimmer, A. B., *Instr. Math.*
Orpha Nesbitt, B. S., *Instr. Home Econ.*
Mabel Hedges, A. B., *Instr. Home Econ.*
Grace Richards, B. A., *Instr. Home Econ.*
Mary E. Brown, B. A., *Instr. Home Econ.*
Edith V. Ohlsen, B. S., *Instr. Home Econ.*
Berna Miskell, B. S., *Instr. Home Econ.*
Robert L. Moore, *Instr. Forge Work.*
Howard J. Gramlich, B. S., *Asst. Supt., Ext. Work.*
Esther M. Burritt, A. B., *Asst. in Engl.*
Glaideth G. Denny, A. B., *Asst. in German and Hist.*
Arthur J. Ludden, A. M., *Asst. in Agr. Phys.*
Guy R. McDole, A. M., *Asst. in Agr. Chem.*
Otto H. Liebers, B. S., *Asst. in Dairying.*
Thos. W. Moseley, B. S., *Asst. in Agr. Bot.*
J. T. Zimmer, B. S., A. M., *Field Expert in Ent.*
E. A. Markham, *Dairyman.*
Edna C. Noble, B. L., *Asst. Libr.*
Samuel McKelvie, *Lect. on Swine Judging.*
George G. Pollock, *Asst. Registrar, School of Agr.*

Agricultural Experiment Station of Nebraska, *Lincoln.*

Department of the University of Nebraska, under the control of the board of regents.

STATION STAFF.

E. A. Burnett,[1] B. S., *Dir.*
R. K. Bliss, B. S. A., *Animal Husb.*
E. M. Wilcox, Ph. D., *Agr. Bot.*
F. J. Alway, Ph. D., *Agr. Chem.*
Lawrence Bruner, B. S., *Ent.; State Ent.*
J. H. Frandsen, M. S. A., *Dairy Husb.*
W. J. Morrill, B. S., M. F., *For.*
E. H. Barbour, Ph. D., *Geol.*
Geo. R. Chatburn, A. M., *Highway Engin.*
R. A. Emerson, B. S., *Hort.*
O. V. P. Stout, C. E., *Irrig. Engin.*
L. W. Chase, B. S. in M. E., *Agr. Engin.*
Geo. A. Loveland, A. M., LL. B., *Met.*
C. W. Pugsley, B. S., *Farm Mgt.*
J. H. Gain, M. D. C., *Animal Path.*
W. P. Snyder, A. B., M. S., *Supt. Substa., North Platte.*
W. W. Burr,[2] B. S., *Assoc. in Soils and Crops, North Platte Substa.*
Fritz Knorr, B. S., *Supt. Scottsbluff Substa., Mitchell.*
James Cowan, M. E., *Supt. Substa., Valentine.*
R. S. Trumbull, A. M., *Asst. Agr. Chem.*
P. B. Barker, A. M., *Assoc. in Agron.*
M. H. Swenk, A. M., *Assoc. in Ent.; Asst. State Ent.*
G. K. K. Link, S. B., *Asst. Agr. Bot.*
J. R. Cooper, B. S., *Asst. Hort.*
L. B. Sturdevant, A. M., M. D., *Asst. Animal Path.*
Ellis Rail, B. S. A., *Asst. Animal Husb.*
C. B. Lee, B. S., *Asst. Animal Husb.*
H. J. Gramlich, B. S., *Asst. Animal Husb.*
T. A. Kiesselbach, B. S., A. M., *Assoc. in Expt. Agron. (in charge).*
Erwin Hopt, B. S., *Asst. in Agron.*
J. A. Ratcliff, B. S., *Asst. in Expt. Agron.*
S. W. Perin, *Farm Supt.*
J. S. Dales, Ph. M., *Financial Sec.*
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NEVADA.

College of Agriculture of the University of Nevada, *Reno.*

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COURSES OF STUDY.

The regular course requires four years for completion and leads to the degree of B. S. in agriculture. Postgraduate courses are also provided, as well as courses in domestic science. A short winter course in dairying is given.

[1] In full charge of all substations.
[2] In the service of the U. S. Department of Agriculture.

BOARD OF INSTRUCTION.

Joseph E. Stubbs,[1] M. A., D. D., LL. D., *President of the University.*

Herbert W. Hill, B. L., Ph. M., *Engl. Lang. and Lit.*
P. B. Kennedy, Ph. D., *Bot., Hort., For.*
Gordon H. True, B. S., *Agr., Animal Husb.*
Robert Lewers, *V. Pres.; Ele. and International Law; Actg. Pres.*
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[1] To assume duties Feb. 1, 1913.
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[1] In the service of the U. S. Weather Bureau.

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mechanical engineering, milling engineering, sanitary engineering, mining engineering, metallurgical engineering, mining geology, manual training, biology, chemistry, industrial chemistry, physics, preparatory to medicine, home economics (B. S.); a two-year course in agriculture and a two-year teachers' course in manual training; a one-year teachers' course in agriculture; short winter courses (twelve weeks) in agriculture, dairying, creamery work, home economics, horticulture, and poultry husbandry; correspondence courses in agriculture; postgraduate courses; a six weeks' summer session for teachers, and a farmers' week.

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[1] On leave.

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Under the supervision of A. C. True, Director Office of Experiment Stations, United States Department of Agriculture.

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[1] Telegraph and express address, *Clemson College;* freight address, *Calhoun.*

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[1] In cooperation with the U. S. Department of Agriculture.
[2] Telegraph and express address, *Clemson College;* freight address, *Calhoun.*

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[1] On leave. [2] Detailed by the U. S. Department of Agriculture.

engineering, mining engineering, and chemical (B. S.). There are also two specially arranged four-year courses in education leading to the degrees of B. A. in education and B. S. in education, this including courses in manual training and mechanic arts, agriculture, and home economics; two-year courses in agriculture; short course (eight weeks) in agriculture, animal husbandry, dairying, and horticulture, and a six weeks' summer course in agriculture, home economics, and manual training for teachers.

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[1] On leave.

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[1] On leave.

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[1] In charge of cooperative investigations with the U. S. Department of Agriculture.

Vermont Agricultural Experiment Station, *Burlington.*

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